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	L2	L1 and cabergoline	0
	L1	546/75	52

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                 SCISEARCH enhanced with complete author names
         JUL 02
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         JUL 02
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         JUL 02
                 CA/CAplus enhanced with utility model patents from China
                 CAplus enhanced with French and German abstracts
NEWS
         JUL 16
         JUL 18
                 CA/CAplus patent coverage enhanced
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         JUL 30
                 USGENE now available on STN
                 CAS REGISTRY enhanced with new experimental property tags
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         AUG 06
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         AUG 06
                 FSTA enhanced with new thesaurus edition
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                 patents
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         AUG 28
                 spectral property data
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         SEP 07
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NEWS 21
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                 1967-1998
                 CAplus coverage extended to include traditional medicine
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L1 0 CAGEGOLINE/CN

=> s cabergoline/cn

L2' 1 CABERGOLINE/CN

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L2 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 81409-90-7 REGISTRY

ED Entered STN: 16 Nov 1984

CN Ergoline-8-carboxamide, N-[3-(dimethylamino)propyl]-N[(ethylamino)carbonyl]-6-(2-propen-1-yl)-, (8β)- (CA INDEX NAME)
OTHER CA INDEX NAMES:

Ergoline-8-carboxamide, N-[3-(dimethylamino)propyl]-N[(ethylamino)carbonyl]-6-(2-propenyl)-, (8β)- (9CI)

OTHER NAMES:

CN Cabaser

CN Cabergoline

CN Dostinex

CN Galastop

CN Sogilen

FS STEREOSEARCH

MF C26 H37 N5 O2

CI COM

LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, CSCHEM, DDFU, DRUGU, EMBASE, IMSCOSEARCH, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, PATDPASPC, PHAR, PROMT, PROUSDDR, PS, RTECS*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL, VETU

(*File contains numerically searchable property data)
Other Sources: WHO

Absolute stereochemistry.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

418 REFERENCES IN FILE CA (1907 TO DATE)
7 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
419 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus
COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 12.30 12.72

FULL ESTIMATED COST

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http://www.cas.org/infopolicy.html

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=> s 13 and heptane

62069 HEPTANE

1222 HEPTANES

62692 HEPTANE

(HEPTANE OR HEPTANES)

L4 8 L3 AND HEPTANE

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L4 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

AB A method of preparing cabergoline Form I, comprising forming a solvate including cabergoline and a p-disubstituted benzene of formula (A) or 1,3,5-trimethylbenzene and obtaining cabergoline Form I from the solvate. Another aspect of the present invention provides a method for preparing cabergoline Form I comprising dissolving cabergoline in p-disubstituted benzene or 1,3,5-trimethylbenzene and recovering the cabergoline Form I polymorph, suitably by direct crystallization of Form I or by recovery of a solvate which can be converted to Form I. Another aspect of the present invention provides a novel cabergoline polymorph designated cabergoline Form FB and a method of preparing said polymorph by dissolving or forming a solvate of cabergoline in fluorobenzene and recovering cabergoline Form

IT 81409-90-7, Cabergoline

RL: PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); RCT (Reactant); THU (Therapeutic use); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)

(preparation of cabergoline in different crystal forms from various solvents)

RN 81409-90-7 CAPLUS

CN Ergoline-8-carboxamide, N-[3-(dimethylamino)propyl]-N[(ethylamino)carbonyl]-6-(2-propen-1-yl)-, (8β)- (CA INDEX NAME)

Absolute stereochemistry.

AN 2006:1012463 CAPLUS

DN 145:383503

TI Preparation of cabergoline in different crystal forms from various

IN Greenwood, Alan Kenneth; Mchattie, Derek; Bhatarah, Parveen; Aloui,
Mahmoud

PA UK

SO U.S. Pat. Appl. Publ., 23pp., Cont.-in-part of U.S. Ser. No. 100,934. CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

| FAIN. | PATENT NO. | | | KIN | D. | DATE | | | APPL | ICAT | ION I | NO. | | Ι | ATE | | | |
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| | US | 2006 | 2175 | 55 . | | A1 | | 2006 | 0928 | | | | | 34 | | | 0050 | |
| | US | 7238 | 810 | | | B2 | | 2007 | 0703 | | | | | | | | | |
| | | | | | | | | | | | GB 2 | 005- | 5965 | | | A 2 | 0050 | 323 |
| | WO | 2007 | 2007012846
W. AF AG AL | | | A1 | | 2007 | 0201 | , | WO 2 | 006-0 | GB27 | 84 | | 2 | 0060 | 727 |
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| | | KG, KZ, MD, | | | | RU, | TJ, | TM | | | | | | | | | | |

PATENT FAMILY INFORMATION:

FAN 2006:1012462

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|--------------------------------|----------|----------------------|-----------------|----------|
| PI | WO 2006100492
WO 2006100492 | A2
A3 | 20060928
20070104 | WO 2006-GB1068 | 20060323 |

GB 2005-15430

A 20050727

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L4 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

AB A method of preparing cabergoline Form I, comprising forming a solvate including cabergoline and a p-disubstituted benzene or 1,3,5-trimethylbenzene and obtaining cabergoline Form I from the solvate.

Another aspect of the present invention provides a method for preparing cabergoline Form I comprising dissolving cabergoline in p-disubstituted benzene or 1,3,5-trimethylbenzene and recovering the cabergoline Form I polymorph, suitably by direct crystallization of Form I or by recovery of a solvate which can be converted to Form I. Another aspect of the present invention provides a novel cabergoline polymorph designated cabergoline Form FB and a method of preparing said polymorph by dissolving or forming a solvate of cabergoline in fluorobenzene and recovering cabergoline Form

IT 81409-90-7, Cabergoline

RL: PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); RCT (Reactant); THU (Therapeutic use); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)

(preparation of cabergoline in different crystal forms from various solvents)

RN 81409-90-7 CAPLUS

CN Ergoline-8-carboxamide, N-[3-(dimethylamino)propyl]-N[(ethylamino)carbonyl]-6-(2-propen-1-yl)-, (8β)- (CA INDEX NAME)

Absolute stereochemistry.

AN 2006:1012462 CAPLUS

DN 145:383502

TI Preparation of cabergoline in different crystal forms from various solvents

PA Resolution Chemicals Limited, UK

SO PCT Int. Appl., 44pp.

CODEN: PIXXD2

DT Patent

LA English

| LA | English
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| PI | WO 2006 | 10049 | 92 | | A2 | | 2006 | 0928 | 1 | WO 2 | 006- | GB10 | 68 | | 2 | 0060 | 323 |
| | WO 2006 | 10049 | 92 | | A3 | | 2007 | 0104 | | | | | | | | | |
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| | 05 /236 | | | 112 | | 2007 | 0,05 | | GB 2 | 005- | 5965 | | | Δ | 20050 | 323 |
| | WO 2007 | 012846 | | Δ1 | | 2007 | 0201 | | | | | | | | 20060 | |
| | | | G, AL, | | | | | | | | | | | | | |
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Ι

AB The present invention discloses a method for preparing cabergoline form 1 I by combining cabergoline and a solvent comprising ethylbenzene to form a solvate and obtaining form 1 from the solvate. Also disclosed is a method for preparing cabergoline form 1 by combining cabergoline and a first solvent to form a solution and addnl. including a second solvent to the solution, followed by crystallization to form cabergoline form 1. Further disclosed is a

solvate form of cabergoline comprising cabergoline and ethylbenzene and, optionally, n-heptane.

IT 81409-90-7P, Cabergoline

RL: PUR (Purification or recovery); PREP (Preparation) (preparation of cabergoline from solvates)

RN 81409-90-7 CAPLUS

CN Ergoline-8-carboxamide, N-[3-(dimethylamino)propyl]-N[(ethylamino)carbonyl]-6-(2-propen-1-yl)-, (8β)- (CA INDEX NAME)

Absolute stereochemistry.

AN 2005:1168808 CAPLUS

DN 143:422511

TI Preparation of cabergoline and its solvate

IN Greenwood, Alan; Mchattie, Derek; Bhatarah, Parveen; Gamble, Mark

PA Resolution Chemicals Limited, UK

SO Eur. Pat. Appl., 9 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN. CNT 1

| FAN. | $\gamma_{\rm N.I.}$ | 1 | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | (| GB 2 | 004- | 9785 | | | A 2 | 0040 | 430 |
| • | US | 2005 | 2455 | 60 | | A1 | | 2005 | 1103 | 1 | US 2 | 005- | 6099 | 1 | | 2 | 0050 | 218 |
| | US | 7186 | 837 | | | B2 | | 2007 | 0306 | | | | | | | | | • |
| | | | | | | | | | | (| GB 2 | 004- | 9785 | | | A 2 | 0040 | 430 |
| | ΑU | 2005 | 2382 | 76 | | A1 | | 2005 | 1110 | | AU 2 | 005- | 2382 | 76 | | 2 | 0050 | 429 |
| | | | | | | | • | | | (| GB 2 | 004- | 9785 | | | A 2 | 0040 | 430 |
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RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

AB New crystalline forms of cabergoline are disclosed. Also provided are novel processes for the preparation of cabergoline forms I, II, and VII, and amorphous cabergoline. Thus, cabergoline was dissolved in tert.-Bu Me ether and refluxed to give cabergoline tert.-Bu Me ether solvate form VIII

IT 81409-90-7, Cabergoline

RL: FMU (Formation, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); FORM (Formation, nonpreparative); USES (Uses)

(polymorphs of cabergoline)

RN 81409-90-7 CAPLUS

CN Ergoline-8-carboxamide, N-[3-(dimethylamino)propyl]-N[(ethylamino)carbonyl]-6-(2-propen-1-yl)-, (8β)- (CA INDEX NAME)

Absolute stereochemistry.

AN 2004:1016006 CAPLUS

DN 141:428033

TI Polymorphs of cabergoline

IN Cvak, Ladislav; Bednar, Roman; Sobotik, Roman; Jegorov, Alexandr

PA Ivax Corporation, USA; Ivax Pharmaceuticals S.R.O

SO PCT Int. Appl., 61 pp.

CODEN: PIXXD2

DT Patent

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APPLICATION NO.

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L4 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2007 ACS on STN

AB The invention provides methods for preparing amorphous phys. form of cabergoline, and solvate form A of cabergoline useful in the preparation of the first mentioned phys. form. A method for treating a prolactin disorder with medicaments prepared from amorphous phys. form of cabergoline and solvate form A of cabergoline is also disclosed.

IT 81409-90-7P, Cabergoline

RL: SPN (Synthetic preparation); PREP (Preparation) (amorphous; tablets containing cabergoline or its solvate form for treatment of prolactin disorders)

RN 81409-90-7 CAPLUS

CN Ergoline-8-carboxamide, N-[3-(dimethylamino)propyl]-N-

[(ethylamino)carbonyl]-6-(2-propen-1-yl)-, (8β)- (CA INDEX NAME)

Absolute stereochemistry.

AN 2004:878162 CAPLUS

DN 141:355382

TI Preparation of cabergoline and its solvate form for treatment of prolactin disorders

IN Gutman, Arie; Tishin, Boris; Vilenski, Alex; Agazade, Albay; Pertzikov, Boris; Nisnevich, Gennady

PA Finetech Laboratories, Ltd., Israel

SO U.S. Pat. Appl. Publ., 20 pp. CODEN: USXXCO

DT Patent

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RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2007 ACS On STN

AB A process for producing crystalline Form I of cabergoline comprises the preparation

of Form V using heptane as precipitation solvent, and its exclusive conversion into crystalline Form I of cabergoline. The present crystallization process

from toluene-heptane solvent system for Form V involves 'reverse addition' of toluene-cabergoline concentrate to cold heptane.

IT 81409-90-7, Cabergoline

RL: PEP (Physical, engineering or chemical process); PYP (Physical process); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)

(process for preparation of crystalline Form I of cabergoline using toluene-heptane solvent system)

RN 81409-90-7 CAPLUS

CN Ergoline-8-carboxamide, N-[3-(dimethylamino)propyl]-N[(ethylamino)carbonyl]-6-(2-propen-1-yl)-, (8β)- (CA INDEX NAME)

Absolute stereochemistry.

AN 2003:757709 CAPLUS

DN 139:281336

TI Process for preparing crystalline Form I of cabergoline

IN Sheikh, Ahmad Y.; Tomasi, Attilio

PA Pharmacia Corporation, USA; Pharmacia Italia S.P.A.

SO PCT Int. Appl., 23 pp.

CODEN: PIXXD2

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 ${\tt AB} \quad {\tt A} \ {\tt process} \ {\tt for} \ {\tt producing} \ {\tt crystalline} \ {\tt form} \ {\tt I} \ {\tt of} \ {\tt cabergoline} \ {\tt comprises} \ {\tt crystallization} \ {\tt of}$

the desired form from a toluene/heptane or toluene/hexane mixture starting from raw cabergoline, followed by recovery and removal of the solvent from the resulting toluene solvate Form X so as to convert it into form I. The solvate form X of cabergoline and its preparation are also provided.

IT 81409-90-7, Cabergoline

RL: PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); PROC (Process)

(process for preparing the crystalline form I of cabergoline)

RN 81409-90-7 CAPLUS

CN Ergoline-8-carboxamide, N-[3-(dimethylamino)propyl]-N[(ethylamino)carbonyl]-6-(2-propen-1-yl)-, (8β)- (CA INDEX NAME)

Absolute stereochemistry.

AN 2003:757674 CAPLUS

DN 139:265794

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 $\ensuremath{\mathsf{AB}}$ $\ensuremath{\mathsf{The}}$ crystalline form VII of cabergoline, a pharmaceutical composition containing the

form and a process for its preparation are disclosed. The process may comprise a slurry procedure by using the form I or mixture of forms I and VII in a solvent at a temperature above 30°. Thus, cabergoline was dissolved in 1,4-dioxane at 40°, the final solution was cooled to -5° and the solid was filtered and dried at 30-65°. The crystals of the form VII were obtained.

IT 81409-90-7, Cabergoline

RL: PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES

(crystalline form VII of cabergoline)

RN 81409-90-7 CAPLUS

CN Ergoline-8-carboxamide, N-[3-(dimethylamino)propyl]-N[(ethylamino)carbonyl]-6-(2-propen-1-yl)-, (8β)- (CA INDEX NAME)

Absolute stereochemistry.

2001:730739 CAPLUS AN

DN 135:262284

TI Crystalline form VII of cabergoline

Candiani, Ilaria; Budelli, Raffaella; Pandolfi, Marco; Ungari, Mario Pharmacia & Upjohn S.p.A., Italy IN

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so PCT Int. Appl., 15 pp.

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| | PATENT | NO. | KI | ND DATE | APPLICATION NO. | | DATE |
| PI | WO 200 | 1072746 | · A | 1 200110 | 4 WO 2001-EP2969 | | 20010315 |
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| | | LU, LV | , MA, MD | , MG, MK, MI | , MW, MX, MZ, NO, NZ, | PL, PT | r, RO, RU, |
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| | | YU, ZA | , ZW, AM | , AZ, BY, K | , KZ, MD, RU, TJ, TM | | |
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Page 23

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